> This Raw Listing contains the General Information
> Section and up to first 5 pages.

ENTERED

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1    <110> APPLICANT: Gentry, Daniel R.
2          Lonsdale, John T.
3          Payne, David J.
4          Pearson, Stewart C.
5          Van Aller, Glenn
6    <120> TITLE OF INVENTION: Novel FabD
7    <130> FILE REFERENCE: P50593
8    <140> CURRENT APPLICATION NUMBER: US/09/308,397
9    <141> CURRENT FILING DATE: 1999-05-18
10   <150> EARLIER APPLICATION NUMBER: US 60/031,160
11   <151> EARLIER FILING DATE: 1996-11-18
12   <150> EARLIER APPLICATION NUMBER: PCT/US97/20992
13   <151> EARLIER FILING DATE: 1997-11-14
14   <160> NUMBER OF SEQ ID NOS: 6
15   <170> SOFTWARE: FastSEQ for Windows Version 4.0
16   <210> SEQ ID NO 1
17   <211> LENGTH: 921
18   <212> TYPE: DNA
19   <213> ORGANISM: Streptococcus pneumoniae
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23         ggttatgatt tacgttatct catcgatacg gaagaagaca aactcaatca gacccgctat     180
24         acgcaaccag ccattctagc gacttcggtt gctatctacc gtttattgca agaaaagggc     240
25         tatcagcctg atatggttgc tggtttgtct cttggagaat actctgcctt ggtggcaagc     300
26         ggcgccttgg attttgaaga tgcggttgcc ttggtagcta agcgtggagc ctatatggaa     360
27         gaagcggctc ctgctgactc tggcaagatg gtagcagttc tcaatacgcc agtagaggtc     420
28         attgaagaag cctgtcaaaa agcttctgaa cttggagtgg ttactccagc caactataac     480
29         acacctgcac aaatcgtcat tgctggagaa gtggttgcag ttgatcgagc ggttgaactt     540
30         ttgcaagaag caggtgccaa acgcttgatt cctcttaagg tgtcaggtcc ctttcacacc     600
31         gctctccttg agcctgctag ccagaaacta gctgaaactc tagctcaggt aagttttta     660
32         gattttactt gtcccctagt cggcaataca gaagctgctg tgatgcaaaa agaggacatt     720
33         gctcagctct tgacgcgtca ggtcaaggaa cccgttcgtt tctatgaaag tattggggtc     780
34         atgcaagaag caggcataag caactttatc gagattggac cggggaaagt cttgtcaggt     840
35         tttgttaaaa aaattgatca aactgctcac ttagctcatg tggaagatca agcgagttta     900
36         gtagcacttt tagaaaaata g                                                921
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38   <211> LENGTH: 306
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40   <213> ORGANISM: Streptococcus pneumoniae
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44         Gly Met Gly Arg Asp Phe Tyr Asp Gln Tyr Pro Ile Val Lys Glu Thr
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45                      20                    25                    30
46      Ile Asp Arg Ala Ser Gln Val Leu Gly Tyr Asp Leu Arg Tyr Leu Ile
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48      Asp Thr Glu Glu Asp Lys Leu Asn Gln Thr Arg Tyr Thr Gln Pro Ala
49              50                    55                    60
50      Ile Leu Ala Thr Ser Val Ala Ile Tyr Arg Leu Leu Gln Glu Lys Gly
51      65                    70                    75                    80
52      Tyr Gln Pro Asp Met Val Ala Gly Leu Ser Leu Gly Glu Tyr Ser Ala
53                      85                    90                    95
54      Leu Val Ala Ser Gly Ala Leu Asp Phe Glu Asp Ala Val Ala Leu Val
55                  100                   105                   110
56      Ala Lys Arg Gly Ala Tyr Met Glu Glu Ala Ala Pro Ala Asp Ser Gly
57                  115                   120                   125
58      Lys Met Val Ala Val Leu Asn Thr Pro Val Glu Val Ile Glu Glu Ala
59              130                   135                   140
60      Cys Gln Lys Ala Ser Glu Leu Gly Val Val Thr Pro Ala Asn Tyr Asn
61      145                   150                   155                   160
62      Thr Pro Ala Gln Ile Val Ile Ala Gly Glu Val Val Ala Val Asp Arg
63                  165                   170                   175
64      Ala Val Glu Leu Leu Gln Glu Ala Gly Ala Lys Arg Leu Ile Pro Leu
65                  180                   185                   190
66      Lys Val Ser Gly Pro Phe His Thr Ala Leu Leu Glu Pro Ala Ser Gln
67                  195                   200                   205
68      Lys Leu Ala Glu Thr Leu Ala Gln Val Ser Phe Ser Asp Phe Thr Cys
69      210                   215                   220
70      Pro Leu Val Gly Asn Thr Glu Ala Ala Val Met Gln Lys Glu Asp Ile
71      225                   230                   235                   240
72      Ala Gln Leu Leu Thr Arg Gln Val Lys Glu Pro Val Arg Phe Tyr Glu
73                  245                   250                   255
74      Ser Ile Gly Val Met Gln Glu Ala Gly Ile Ser Asn Phe Ile Glu Ile
75                  260                   265                   270
76      Gly Pro Gly Lys Val Leu Ser Gly Phe Val Lys Lys Ile Asp Gln Thr
77                  275                   280                   285
78      Ala His Leu Ala His Val Glu Asp Gln Ala Ser Leu Val Ala Leu Leu
79              290                   295                   300
80      Glu Lys
81      305
82  <210> SEQ ID NO 3
83  <211> LENGTH: 450
84  <212> TYPE: DNA
85  <213> ORGANISM: Streptococcus pneumoniae
86  <400> SEQUENCE: 3
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88      ctcgctgggc aggagttgta agaaatgact aaaacagcct ttttatttgc tggtcaaggt    120
89      gcccagtatc tagggatggg acgggatttc tatgatcagt atccgattgt caaagaaacg    180
90      attgatcgag cgagtcaggt gctcggttat gatttacgtt atctcatcga tacggaagaa    240
91      gacaaactca atcagacccg ctatacgcaa ccagccattc tagcgacttc ggttgctatc    300
92      taccgtttat tgcaagaaaa gggctatcag cctgatatgg ttgctggttt gtctcttgga    360
93      gaatactctg ccttggtggc aagcggcgcc ttggattttg aagatgcggt tgccttggta    420
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102         Gly Met Gly Arg Asp Phe Tyr Asp Gln Tyr Pro Ile Val Lys Glu Thr
103              20              25              30
104         Ile Asp Arg Ala Ser Gln Val Leu Gly Tyr Asp Leu Arg Tyr Leu Ile
105              35              40              45
106         Asp Thr Glu Glu Asp Lys Leu Asn Gln Thr Arg Tyr Thr Gln Pro Ala
107              50              55              60
108         Ile Leu Ala Thr Ser Val Ala Ile Tyr Arg Leu Leu Gln Glu Lys Gly
109         65              70              75              80
110         Tyr Gln Pro Asp Met Val Ala Gly Leu Ser Leu Gly Glu Tyr Ser Ala
111              85              90              95
112         Leu Val Ala Ser Gly Ala Leu Asp Phe Glu Asp Ala Val Ala Leu Val
113              100             105             110
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117    <211> LENGTH: 547
118    <212> TYPE: DNA
119    <213> ORGANISM: Streptococcus pneumoniae
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122         ctgtcaaaag cttctggaac ttggagtggt tactccagcc aactataaca cacctgcaca   120
123         aatcgtcatt gctggagaag tggttgcagt tgatcgagcg gttgaacttt tgcaagaagc   180
124         aggtgccaaa cgcttgattc ctcttaaggt gtcaggtccc tttcacaccg ctctccttga   240
125         gcctgctagc cagaaactag ctgaaactct agctcaggta agttttt cag attttacttg   300
126         tcccctagtc ggcaatacag aagctgctgt gatgcaaaaa gaggacattg ctcagctctt   360
127         gacgcgtcag gtcaaggaac ccgttcgttt ctatgaaagt attggggtca tgcaagaagc   420
128         aggcataagc aacttattcg agattggacc ggggaaagtc ttgtcaggtt ttgttaaaaa   480
129         aattgatcaa actgctcact tagctcatgt ggaagatcaa gcgagtttag tagcactttt   540
130         agaaaaa                                                              547
131    <210> SEQ ID NO 6
132    <211> LENGTH: 182
133    <212> TYPE: PRT
134    <213> ORGANISM: Streptococcus pneumoniae
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139              20              25              30
140         Ala Asn Tyr Asn Thr Pro Ala Gln Ile Val Ile Ala Gly Glu Val Val
141              35              40              45
142         Ala Val Asp Arg Ala Val Glu Leu Leu Gln Glu Ala Gly Ala Lys Arg
143              50              55              60
144         Leu Ile Pro Leu Lys Val Ser Gly Pro Phe His Thr Ala Leu Leu Glu
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145         65                      70                      75                      80
146         Pro Ala Ser Gln Lys Leu Ala Glu Thr Leu Ala Gln Val Ser Phe Ser
147                         85                      90                      95
148         Asp Phe Thr Cys Pro Leu Val Gly Asn Thr Glu Ala Ala Val Met Gln
149                         100                     105                     110
150         Lys Glu Asp Ile Ala Gln Leu Leu Thr Arg Gln Val Lys Glu Pro Val
151                     115                     120                     125
152         Arg Phe Tyr Glu Ser Ile Gly Val Met Gln Glu Ala Gly Ile Ser Asn
153                 130                     135                     140
154         Leu Phe Glu Ile Gly Pro Gly Lys Val Leu Ser Gly Phe Val Lys Lys
155             145                     150                     155                     160
156         Ile Asp Gln Thr Ala His Leu Ala His Val Glu Asp Gln Ala Ser Leu
157                         165                     170                     175
158         Val Ala Leu Leu Glu Lys
159                     180
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Line ? Error/Warning   Original Text
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